Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
22	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition.(P.26/I.4.33.3 PWD,ELE -SR 2014-15)	Each							
a	GF -LED modular down light 1'x1'-36 watts		10				**10**	7006.00	**70060.00**
b	LED modular down light 2'x2'-55 watts		20				**20**	9273.00	**185460.00**
23	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. (P.44/I.17.8 PWD,ELE -SR 2014-15)	Each							
a	12"x12"x2"		15				**15**	153.00	**2295.00**
b	15"x12"x2"		15				**15**	177.00	**2655.00**
c	20"x20"x2.5"		15				**15**	302.00	**4530.00**
24	Supplying and fixing PVC/metal conduit Deep junction box (P.2/I.1.5 PWD,ELE -SR 2014-15)	Each							
	32mm deep junction box		60				**60**	65.00	**3900.00**
25	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. (P.3/I.1.7 PWD,ELE -SR 2014-15)	Mtr							
	upto 50mm conduit in brick wall		4	15.00			**60.00**	21.00	**1260.00**

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
126	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings confirming to IS8828. (P.46/I.6.2 PWD,ELE -SR 2014-15)	Each							
	12Way		4				4	11854.00	**47416.00**
127	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) (P.61/I.7.9 PWD,ELE -SR 2014-15)	Mtr							
	In soil (hard)		2	40.00			**80.00**	106.00	**8480.00**
128	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. (P.62/I.7.12 PWD,ELE -SR 2014-15)	Mtr							
	40mm		2	40.00			**80.00**	345.00	**27600.00**
129	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. (P.55/I.7.4 PWD,ELE -SR 2014-15)	Mtr							
	4 core 16 sqmm		2	40.00			**80.00**	140.40	**11232.00**
	Supplying Capacitor type ceiling fan complete with down rod blades shackle canopies etc for operation on 230volts 50cycles single phase AC supply confirming to ISS-374-1979 and with double ball bearing system 56" Sweep (1400mm) (P.78/I.9.3.2.1 PWD ELE - SR 2014-15)	Each							
	Regular Model-GF		14				14	2418.00	**33852.00**

131	Fixing a ceiling fan of all capacities and all ty... to the existing S hook with ... regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.109/I.17.9 PWD,ELE -SR 2014-15)	Nos							
	Regular Model-GF		14				14	237.00	3318.00
132	Supplying and Installing 1.00HP / 75 KW 10Stage Submersible Single Phase Motor (P.XXXXIV / I.1 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Set							
			2				2	12600.00	25200.00
133	Meter and Panel Board: Supply and delivery of meter and panel board unit one number of MS box of size 300 x 120mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for mounting the CTS(if any) cutouts 3 phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read. b. Panel Board (1.00HP) One number of cubicle type of control panel board to operate on 50c/400/400v	Each							
			2				2	1370.00	2740.00
								SUB - TOTAL AMOUNT RS.	8753409.00
									1050409.08
134	~~G.S.T Charges (12%)~~								
135	PMC and Third Party Inspection Charges (1%)								87534.09
136	BESCOM DEPOSIT	LS							100000.00
137	Miscellaneous,Tender Premium Charges and Unforeseen Charges	Ls							10,59,056.91 8647.83
								TOTAL AMOUNT RS.	10000000.00
	(Rupees One Crore Lakh Only)								

Technical Sanction
Accorded For ₹.100.00 Lakhs.
Head of A/C P-3442
CER NO : 265 Dt: 15.02.19

TA CE (YNK)

CERTIFICATE :

1 The work spot has been inspected and found to be necessary.

2 The work spot comes under BBMP Limits.

3 The provisions made in the estimate are necessary and minimum.

4 The estimate is based on PHE SR 2012 -13 ,PWD ELE SR 2014-15 ,& PW, P & IWTD, BENGALURU CIRCLE - SR 2016 -17 & 2018-19.

Assistant Engineer
Project

Assistant Executive Engineer
Project Division
Yelhanka Zone
BBMP Bangalore

Executive Engineer 12/2/19
Project Division
Yelhankha Zone
BBMP Bangalore

Administrative Approval

Accorded For ₹.100.00 Lakhs
Head of A/C P-3442
CER NO : 49/2018-19 Dt: 05.03.2019.

E.E. (Project) 5/3/19